

Title (en)

RUBBER COMPOSITIONS AND RUBBER ARTICLES, AND MOTOR-CAR TYRES FABRICATED THEREFROM

Publication

**EP 0149836 B1 19891115 (DE)**

Application

**EP 84116110 A 19841221**

Priority

- DE 3400365 A 19840107
- DE 3444087 A 19841204

Abstract (en)

[origin: US4652612A] Rubber mixtures which can be easily processed and have good mechanical properties and are based on synthetic and/or natural grades of rubber, the usual additives also being used, contain a copolymer with a melt viscosity of not more than 150 Pa.s., measured at 180 DEG C., of (a) 20 to 100% by weight of at least one alkyl ester of alpha , beta -ethylenically unsaturated mono- and/or di-carboxylic acids which contains 1 to 12 carbon atoms in the alcohol radical, (b) 0 to 20% by weight of at least one amide of alpha , beta -ethylenically unsaturated mono- and/or di-carboxylic acids, (c) 0 to 15% by weight of at least one alpha , beta -ethylenically unsaturated mono- and/or di-carboxylic acid and (d) 0 to 50% by weight of at least one other alpha , beta -ethylenically unsaturated copolymerizable monomeric compound, the sum of the percentages in each case being 100. Rubber articles and motor vehicle tires with very good mechanical properties can be produced from these rubber mixtures.

IPC 1-7

**C08L 21/00**

IPC 8 full level

**B60C 1/00** (2006.01); **C08L 1/00** (2006.01); **C08L 7/00** (2006.01); **C08L 21/00** (2006.01); **C08L 23/00** (2006.01); **C08L 27/00** (2006.01); **C08L 33/00** (2006.01); **C08L 33/02** (2006.01); **C08L 33/04** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP US)

**C08L 21/00** (2013.01 - EP US); **C08L 33/06** (2013.01 - EP US); **C08L 33/08** (2013.01 - EP US)

Cited by

EP0351054A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0149836 A2 19850731**; **EP 0149836 A3 19850821**; **EP 0149836 B1 19891115**; CA 1251296 A 19890314; DE 3444087 A1 19850718; DE 3480480 D1 19891221; JP H0621197 B2 19940323; JP S60177044 A 19850911; US 4652612 A 19870324

DOCDB simple family (application)

**EP 84116110 A 19841221**; CA 471476 A 19850104; DE 3444087 A 19841204; DE 3480480 T 19841221; JP 4385 A 19850105; US 68874985 A 19850104